

AMENDMENTS TO THE CLAIMS

1. (Previously presented) A printing method, comprising the steps of:  
receiving print stream data at a printer;  
detecting a barcode in the received print stream data;  
translating the barcode to an external network address;  
sending on the Internet or other external network an access request for a document to the external network address;  
retrieving the document from the external network address;  
selecting at least one portion of the document retrieved from the external network address;  
merging the at least one selection portion of the retrieved document from the network address into a second document, at least part of which is defined by the print stream data, to form a modified document; and  
printing the modified document.
2. (Original) The method as defined in claim 1, wherein the network address is a URL.
3. (Previously presented) The method as defined in claim 1, wherein said print stream data receiving step comprises receiving an e-mail containing said print stream data.
4. (Previously presented) The method as defined in claim 1, wherein said print stream data receiving step comprises receiving an e-mail with an attachment containing said print stream data.
5. (Original) The method as defined in claim 1, wherein said translating step comprises translating the barcode to obtain a PIN#; and wherein said sending step includes sending the PIN# with the access request to the external network address for determining if the request is authorized.
6. (Original) The method as defined in claim 1, wherein the detecting a barcode step comprises interpreting a wrapper indicating that a binary sequence is a barcode.

7. (Previously presented) The method as defined in claim 1, further comprising the steps of:

displaying a menu of print formats for a user to select to print the modified document; and

receiving a selection of one of said print formats displayed to the user.

8. (Previously presented) The method as defined in claim 1, further comprising the steps of:

displaying a field for a transmission address;

receiving a transmission address for another device in said field; and

sending the retrieved document to said another device.

9. (Previously presented) The method as defined in claim 1, wherein the translated barcode includes:

information on inserting the at least one portion of the retrieved document inside the second document; and

further comprising the step of inserting the at least one portion of the retrieved document inside the second document in accordance with the printing information upon receipt of the retrieved document at the printer.

10. (Previously presented) The method as defined in claim 1, further comprising the step of inserting the at least one portion of the retrieved document inside a master document.

11. (Previously presented) The method as defined in claim 10, wherein the translation step comprises;

translating the barcode to obtain at least one identifier that designates the type of contents in said retrieved document; and

determining a location for insertion of the at least one portion of the retrieved document within the master document based on said identifier.

12. (Previously presented) The method as defined in claim 10, wherein the translation step comprises:

translating the barcode to obtain coordinates designating a portion of the master document; and

determining a location for insertion of the at least one portion of the retrieved document within the master document based on said coordinates.

13. (Previously presented) The method as defined in claim 10, further comprising the step of determining a location of the at least one portion of the retrieved document within the master document based on a rule.

14. (Currently amended) The method as defined in claim 10, wherein the at least one portion of the retrieved document and the master document are merged to form [[a]] the modified document in a desired format.

15. (Previously presented) The method as defined in 10, wherein said detecting a barcode step comprises;

- detecting a plurality of barcodes; and further comprising:
- determining a URL in each of the plurality of barcodes;
- sending on the Internet an access request to each of the URL's;
- retrieving a document from each of the URL's;
- merging at least portions of the retrieved documents from the URL's with the master document to obtain a merged document; and
- printing the merged document as the modified document.

16. (Previously presented) A printing method, comprising the steps of:

- receiving print stream data at a printer;
- detecting a barcode in the received print stream data;
- translating the barcode to a URL;
- searching for an Internet access device to access the Internet;
- sending through the Internet access device an access request for a document to the URL;

- retrieving to the Internet device the document from the URL;
- selecting at least one portion of the document retrieved from the URL;
- merging the at least one selection portion of the document retrieved from the URL into a second document which is at least in part defined by the print stream data to form a modified document; and
- printing the modified document.

17. (Previously presented) The method as defined in claim 16, wherein said receiving data step comprises receiving an e-mail containing said print stream data.

18. (Original) The method as defined in claim 16, wherein said translating step comprises translating the barcode to obtain a PIN#; and wherein said sending step includes sending the PIN# with the access request to the URL for determining if the request is authorized.

19. (Previously presented) The method as defined in claim 16, wherein the translated barcode includes:

information on inserting the at least one portion of the retrieved document inside the second document; and

further comprising the step of inserting the at least one portion of the retrieved document inside the second document in accordance with the printing information upon receipt of the document at the printer.

20. (Previously presented) The method as defined in claim 16, further comprising the step of inserting the at least one part of the retrieved document inside a master document which is at least in part defined by the print stream data, to form the modified document.

21. (Previously presented) A system for printing documents, comprising:

a first component for receiving print stream data at a printer;

a second component for detecting a barcode in the received print stream data;

a third component for translating the barcode to an external network address;

a fourth component for sending on the Internet or other external network an access request for a document to the external network address;

a fifth component for retrieving the document from the external network address; and

a sixth component for inserting at least part of the retrieved document in another document which is at least in part defined by the print stream data, and for printing the other document after insertion of the at least part of the retrieved document.

22. (Previously presented) A program product for printing documents, comprising:  
a computer readable medium having machine readable program code embodied therein to be executed by a computer, the machine readable program code comprising:  
first code for receiving print stream data at a printer;  
second code for detecting a barcode in the received print stream data;  
third code for translating the barcode to an external network address;  
fourth code for sending on the Internet or other external network an access request for a document to the external network address;  
fifth code for retrieving the document from the external network address;  
sixth code for merging at least a portion of the document with at least a portion of the print stream data and forming a modified document; and  
seventh code for printing the modified document.
23. (Currently amended) The method as defined in claim 10, wherein the master document is ~~defined~~, at defined, at least in part, by the print stream data.
24. (Previously presented) The method as defined in claim 10, wherein the master document comprises, at least in part, the second document.